





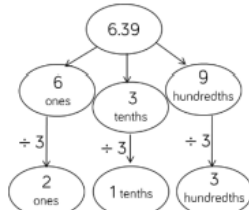


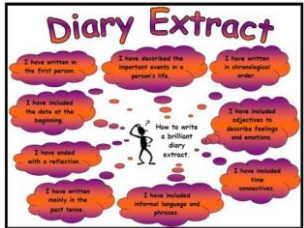
St Mary's Church of England Primary School


Home Learning


Hello Year Six! I hope you are all okay and staying safe. Try your best at the home learning this week. You are all doing so well – you are home learning heroes!

Class 6	Monday 11.1.2021	Tuesday 12.1.2021	Wednesday 13.1.2021	Thursday 14.1.2021	Friday 15.1.2021
Maths	<p>Activity 1 - Maths starter 1: Scroll down to the bottom of the page and complete the among us challenge. Can you figure out who the imposter is?</p> <p>Activity 2: Watch the learning video (Three Decimal Places). Pause and complete the questions when prompted. Week 1 - Number: Decimals White Rose Maths</p> <p>Activity 3: You may need to zoom in to read and answer the question.</p>	<p>Activity 1 - Maths starter 2: Scroll down to the bottom of the page and complete the among us challenge. Can you figure out who the imposter is?</p> <p>Activity 2: Watch the learning video (Multiply by 10, 100 and 1,000). Pause and complete the questions when prompted. Week 1 - Number: Decimals White Rose Maths</p> <p>Activity 3: You may need to zoom in to read and answer the questions.</p>	<p>Activity 1 - Maths starter 3: Scroll down to the bottom of the page and complete the among us challenge. Can you figure out who the imposter is?</p> <p>Activity 2: Watch the learning video (Divide by 10, 100 and 1,000). Pause and complete the questions when prompted. Week 1 - Number: Decimals White Rose Maths</p> <p>Activity 3: You may need to zoom in to read and answer the questions.</p>	<p>Activity 1 - Maths starter 4: Scroll down to the bottom of the page and complete the among us challenge. Can you figure out who the imposter is?</p> <p>Activity 2: Watch the learning video (Multiply Decimals by Integers). Pause and complete the questions when prompted. Spr6.2.1 - Multiply decimals by integers on Vimeo</p> <p>Activity 3: You may need to zoom in to read and answer the questions.</p>	<p>Activity 1 - Maths starter: Play hit the button! Try to challenge yourself. Hit the Button - Quick fire maths practice for 5-11 year olds (topmarks.co.uk)</p> <p>Activity 2: Watch the learning video (Divide Decimals by Integers). Pause and complete the questions when prompted. Spr6.2.2 - Divide decimals by integers on Vimeo</p> <p>Activity 3: You may need to zoom in to read and answer the question.</p>

	<p>Four children are thinking of four different numbers.</p> <div><div>3.454</div><div>4.445</div><div>4.345</div><div>3.54</div></div> <p>Teddy: "My number has four hundredths."</p> <p>Alex: "My number has the same amount of ones, tenths and hundredths."</p> <p>Dora: "My number has less ones than tenths and hundredths."</p> <p>Jack: "My number has 2 decimal places."</p> <p>Match each number to the correct child.</p>	<p>Fill in the missing numbers in these calculations</p> <div><div>$32.4 \times \square = 324$</div><div>$1562 \times 1,000 = \square$</div><div>$\square \times 100 = 208$</div><div>$4.3 \times \square = 86$</div></div> <p>Dora says,</p> <div><div></div><div>When you multiply by 100, you should add two zeros.</div></div> <p>Do you agree? Explain your thinking.</p>	<p>Complete the table.</p> <table><tr><th></th><th>$\div 10$</th><th>$\div 100$</th><th>$\div 1,000$</th></tr><tr><td>30</td><td></td><td></td><td></td></tr><tr><td>3 kg</td><td></td><td></td><td></td></tr><tr><td></td><td>0.9</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td>9.0</td></tr><tr><td></td><td></td><td>9.09</td><td></td></tr></table> <p>Can you find a path from 6 to 0.06? You cannot make diagonal moves.</p> <table><tr><td>6</td><td>$\times 10$</td><td>$\times 10$</td><td>$\times 100$</td></tr><tr><td>$\div 10$</td><td>$\times 100$</td><td>$\times 100$</td><td>$\div 10$</td></tr><tr><td>$\times 10$</td><td>$\div 10$</td><td>$\div 1,000$</td><td>$\div 100$</td></tr><tr><td>$\div 1,000$</td><td>$\times 1,000$</td><td>$\times 100$</td><td>0.06</td></tr></table> <p>Is there more than one way?</p>		$\div 10$	$\div 100$	$\div 1,000$	30				3 kg					0.9						9.0			9.09		6	$\times 10$	$\times 10$	$\times 100$	$\div 10$	$\times 100$	$\times 100$	$\div 10$	$\times 10$	$\div 10$	$\div 1,000$	$\div 100$	$\div 1,000$	$\times 1,000$	$\times 100$	0.06	<p>Rosie is saving her pocket money. Her mum says, "Whatever you save, I will give you five times the amount."</p> <p>If Rosie saves £2.23, how much will her mum give her? If Rosie saves £7.76, how much will her mum give her? How much will she have altogether?</p> <p>Chocolate eggs can be bought in packs of 1, 6 or 8 What is the cheapest way for Dexter to buy 25 chocolate eggs?</p> <div><div></div><div></div><div></div></div>	<p>Amir solves $6.39 \div 3$ using a part whole method.</p> <div></div> <p>Use this method to solve</p> <div>$8.48 \div 2$</div> <div>$6.9 \div 3$</div> <div>$6.12 \div 3$</div>
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Literacy	<p>Activity 1 - Spelling Words: Use a strategy of your choice to learn the spellings for this week.</p> <div><div>- Interrupt</div><div>- Accompany</div><div>- Conscience</div><div>- Parliament</div><div>- Existence</div><div>- Elegance</div><div>- Extravagance</div><div>- Importance</div><div>- Appearance</div><div>- Clearance</div></div>	<p>Activity 1 - Spelling Words: Use a strategy of your choice to learn the spellings for this week.</p> <div><div>- Interrupt</div><div>- Accompany</div><div>- Conscience</div><div>- Parliament</div><div>- Existence</div><div>- Elegance</div><div>- Extravagance</div><div>- Importance</div><div>- Appearance</div><div>- Clearance</div></div>	<p>Activity 1 - Spelling Words: Use a strategy of your choice to learn the spellings for this week.</p> <div><div>- Interrupt</div><div>- Accompany</div><div>- Conscience</div><div>- Parliament</div><div>- Existence</div><div>- Elegance</div><div>- Extravagance</div><div>- Importance</div><div>- Appearance</div><div>- Clearance</div></div>	<p>Activity 1 - Spelling Words: Use a strategy of your choice to learn the spellings for this week.</p> <div><div>- Interrupt</div><div>- Accompany</div><div>- Conscience</div><div>- Parliament</div><div>- Existence</div><div>- Elegance</div><div>- Extravagance</div><div>- Importance</div><div>- Appearance</div><div>- Clearance</div></div>	<p>Activity 1 - Spelling Test: what was your score this week?</p> <p>Activity 2: Read chapter 6 'Trudy'. The chapter can be found on the website under the home learning timetable.</p> <p>Activity 3: Answer these questions about the chapter you have just read.</p>																																								


	<p>Activity 2: Read chapter 4 'Dr Bryce'. The chapter can be found on the website under the home learning timetable.</p> <p>Activity 3: For each vocabulary word listed, write down the sentence in the story where it is used, what you think it means, then the dictionary definition (you could google the definition).</p> <ul style="list-style-type: none"> - Xenotransplantation - Organ - Species - Embryos - Mutiny 	<p>Activity 2: Read chapter 5 'Decision'. The chapter can be found on the website under the home learning timetable.</p> <p>Activity 3: Answer these questions about the chapter you have just read.</p> <ul style="list-style-type: none"> - What are Marlon's concerns about the transplant? - Why is the phrase 'like molten lava' effective in describing Cameron's feelings? What does it mean? - Why is Marlon jealous of Cameron? - What do you think Marlon's home life is like? - What is the name of the pig from which Cameron will be receiving his new heart? - Why do you think Cameron wants to meet Trudy? 	<p>Activity 2: Plan a diary entry as Cameron.</p> <p>You are going to be writing about the main events that have happened so far in the story.</p> <p>Some events that have happened so far:</p> <ul style="list-style-type: none"> - Experience at the swimming pool. - Mum and dad constantly fighting. - Dr Bryce and the transplant. <p>Next to each event, write down some thoughts and feelings in the role of Cameron. Can you turn some of them into sentences?</p> <p>You may add any additional events you think are important to include.</p>	<p>Activity 2: Watch the learning clip which explains the features of a diary entry. Diary Features - YouTube</p> <p>Now, zoom in to look at this poster. It summarizes the key features. You could use this as your success criteria.</p>  <p>Activity 3: Write your diary entry as Cameron using all the features outlined above.</p>	<ul style="list-style-type: none"> - Who picks up the family from the train station? - Why do you think Mum is being so difficult and sullen? - Why is it important that the family shower and put on a gown before seeing the pigs? - Why do you think Mum hasn't told Dad she's pregnant? - What might Cameron be thinking and feeling when he finds out Mum is pregnant? - Do you believe that animals have rights too? - What finally convinces Cameron to go ahead with the transplant?
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		- Why do you think Dr Bryce is reluctant to allow it?			
Other	<p>Geography</p> <p>Activity 1: Use the internet safely to find information about the human and natural causes of climate change. Make notes to help you with activity 2!</p> <p>Activity 2: Make a poster all about the natural and human causes of climate change.</p>	<p>Art</p> <p>Activity 1: Create a seascape collage. A seascape collage is just a collage of a seaside landscape.</p> <p>Take a look at these examples.</p>  <p>You can use any materials you have at home to create the collage of the sea! Be as creative as you like! It can even be a painting or drawing!</p>	<p>PSHE</p> <p>If we were to make a class charter – a list of rights we all have in the classroom – what would it contain? One right may be that we all have the right to be listened to.</p> <p>Activity 1: Make a list of rights for our class. You can present this in any way you like. You may choose to make a poster, a PowerPoint presentation, a word document or just present a numbered list of rights.</p>	<p>RE</p> <p>Activity 1: Watch the learning clip Religious Studies KS2: Ramadan and Eid-ul-Fitr - BBC Teach</p> <p>Activity 2: Create two mind maps. One which contains information about Ramadan and the other which contains information about Eid-ul-Fitr.</p> <p>Activity 3: Write a short explanation about why you think Muslims fast.</p>	<p>Science</p> <p>How does exercise affect our heart rate? You could measure your pulse to find this out.</p> <p>Activity 1: Think of three different exercises to carry out for 1 minute.</p> <p>Complete each exercise for 1 minute and measure your pulse rate for 30 seconds straight after.</p> <p>Make sure you give yourself time to rest between the exercise for your heart rate to return to normal.</p> <p>Record the results in a table. Take a look at the example below:</p>

					<table><tr><td>Type of Exercise</td><td>Pulse after exercise for 30 seconds</td></tr><tr><td>Walking</td><td></td></tr><tr><td>Running on the spot</td><td></td></tr><tr><td>Star jumps</td><td></td></tr></table> <p>Activity 2: Record the results in a bar chart. The X axis will have the three types of exercise and the Y axis will have the pulse rate.</p>	Type of Exercise	Pulse after exercise for 30 seconds	Walking		Running on the spot		Star jumps	
Type of Exercise	Pulse after exercise for 30 seconds												
Walking													
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Thinking Time	Can you come up with anything at all about yourself by using the letters of the alphabet? A- Arty B- Brave C- Caring	Zoom in to look at the poster. What words represent you? I am... Amazing Adventurous Articulate Awesome Affectionate Adaptable Ambitious Athletic Able Beautiful Bold Brave BRIGHT Busy Brilliant Charming Capable Caring Calm Creative Co-operative Considerate Daring Devoted Dependable Diligent Determined Efficient Enthusiastic Energetic Eager Faithful Fair Funny Friendly Flexible Forgiving Generous Gentle GRATEFUL Genuine Happy Helpful Honest HEALTHY Imaginative Independent Inventive Intelligent Jovial Joyful Jolly Kind Knowledgeable Loving Loyal Lovable Motivated Mature Modest Marvellous Neat Noble Nice Obscure OPTIMISTIC Organised Open Proud Patient Polite Positive PERSEVERANT Punctual Quick Quiet Respectful Relaxed Reliable Responsible Resourceful RATIONAL Supportive Strong Successful Sincere Thoughtful Trustworthy Truthful Tactful Understanding Upbeat Unique Vibrant Vivacious Victorious Witty Warm Wise Worthwhile EXCELLENT Exciting Youthful Yielding Zany Zealous Zesty	What does your 'Happy place' look like? Draw your happy place in as much detail as you can.	Gratitude walk. Go for a walk around the house, garden, town or park. Write down a list of things you are grateful for.									
Exercise and break times	Try to complete a form of exercise today. Maybe you could make an obstacle course, complete a YouTube workout, try some yoga, play in the garden or even go for a walk! If you come up with your own workout routine or an at home obstacle course, let me know and I will see if I can try it out for myself because I am missing our PE lessons with Dean!												

Among Us Maths Starter 1











Who Is The Impostor?

 $12 \times 12 = 144$	 $1234 - 321 = 913$
 $5^3 = 125$	 $100 \div 5 = 20$
 $256 \div 8 = 32$	 $1234 + 5678 = 6812$
 $6 \times 6 = 36$	 $11 \times 11 = 121$
 $126 \div 6 = 22$	 $96 \div 6 = 16$

Voting Ends In: 112s

Among Us Maths Starter 2











Who Is The Impostor?

 $136 \times 6 = 816$	 $\frac{3}{6} + \frac{2}{3} = 1\frac{1}{6}$
 $7^2 = 49$	 $100 \div 5 = 20$
 $1534 \div 2 = 757$	 $0.23 + 1.678 = 1.908$
 $9785 - 794 = 8991$	 $67 \times 3 = 210$
 $6533 \div 4 = 1633r1$	 $3456 \div 5 = 691r1$

Voting Ends In: 112s

Among Us Maths Starter 3






Who Is The Impostor?

 $7.1 + 1.7 = 8.8$	 $\frac{2}{6} + \frac{4}{18} = \frac{5}{9}$
 $4^2 + 7^2 + 5^3 = 190$	 $3.62 \div 100 = 0.0362$
 $150 \div 10 = 1.5$	 $23.13 + 0.6 = 23.19$
 $9923 - 873 = 9050$	 $3 \times 6 \times 4 = 72$
 $670 \div 1000 = 0.067$	 $340 \times 10 = 3400$

Voting Ends In: 112s

Among Us Maths Starter 4

Who Is The Impostor?

 $7.82 - 2.4 = 542$	 $\frac{4}{6} - \frac{1}{3} = \frac{1}{3}$
 $2^2 + 6^2 + 3^3 = 67$	 $4.12 \times 100 = 412$
 $1700 \div 100 = 17$	 $29.16 + 34.92 = 64.08$
 $37654 - 1989 = 35666$	 $4 \times 6 + 2 = 26$
 $91.34 \div 100 = 0.9134$	 $1.2 \times 10 = 12$

Voting Ends In: 112s

Answers:

Imposters 1: Orange – answer is 21	Brown – answer is 6912	Imposters 2: Blue – answer is 767	Pink – answer is 201
Imposter 3: Blue – answer is 15	Orange – answer is 0.67	Imposter 4: Silver – answer is 5.42	Purple – answer is 35665